

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A kit of instruments to aid the fixing of dental implants that include a plurality of atraumatic bone osteotomes of progressive diameters engageable to a motor-driven connector or a manual-drive connector,

- wherein, the osteotomes (4A, 4B, 4C, 4D) each have an apical end (10) followed by a threaded conical section (9) and a threaded cylindrical section (8), with the threaded cylindrical section capped by an adjustment area (7) in which connectors (14, 17) are engaged ~~(14, 17)~~,

- wherein[[,]] the kit of instruments each comprise a starter drill (1) [[,]] having a quadrangular-section end that is smaller in section than the osteotomes, and an end (6) for engagement to a surgical motor,

- wherein[[,]] the kit of instruments also includes at least two additional drills (2, 3) of different diameters that have ends for connection to a surgical motor, and which [[is]] are used alternatively with the osteotomes, and

- wherein the connectors of the kit of instruments are either a first connector (14) for the motor-driven operation or a second connector (17) for the manual-drive operation of the osteotomes which has a different cross-sectional shape than that of the first connector;

wherein the adjustment area (7) of the osteotomes have a polygonal-section projection (13), ~~preferably hexagonal~~, which is capped by a cylindrical projecting section that ~~includes~~creates a circular recess in which an O-ring seal (11) is housed; and

wherein both the first connector and the second connector (14, 17) each have an end having a blind axial recess (12) with a polygonal section, ~~preferably hexagonal~~, in which is engaged ~~housed~~ the polygonal-section projection (13) of the osteotomes ~~and incorporating~~ the O-ring seal (11) that retains the connectors.

Claims 2-3. (Canceled)

4. (Currently Amended) The kit of instruments to aid the fixing of dental implants according to claim 1, wherein the first connector (14) has an extension ~~(6)~~ for its connection to the surgical motor.

5. (Currently Amended) The kit of instruments to aid the fixing of dental implants according to claim ~~4~~1, wherein the second connector (17) has a coupling area (15) for connection to a ratchet wrench that has a shape different than the extension ~~(6)~~ on the first connector.

6. - 17. (Cancelled)

18. (New) A rotary osteotome for widening of a dental implant site comprising:

an elongated body having an apical end followed by a threaded conical section and a threaded cylindrical section, with the threaded cylindrical section capped by an adjustment area in which a drive connector is configured to be engaged.

19. (New) A rotary osteotome for widening of a dental implant site as claimed in claim 18, further comprising:

the adjustment area having a polygonal section projection capped by a cylindrical projection section that includes a circular recess, and an O-ring seal housed in the recess.

20. (New) A rotary osteotome for widening of a dental implant site as claimed in claim 19, further comprising:

a drive connector for engaging with the adjustment area of the osteotome, the connector having an end with a blind axial recess therein, the recess having a polygonal cross section of a shape complementary to the polygonal section projection of the adjustment area, and the O-ring engageable with an inside surface of the recess of the drive connector,

wherein the drive connector is releasably engaged with the adjustment area and configured to be driven to rotate the osteotome.

21. (New) A kit of instruments to aid the fixing of dental implants that includes at least one starter drill and at least one osteotome, the starter drill having an

end for connection to a surgical motor, the osteotome having an apical end followed by a threaded conical section and a threaded cylindrical section, with the threaded cylindrical section capped by an adjustment area in which a drive connector is configured to be engaged.

22. (New) A starter drill (1) for piercing the hardest outer layer of a bone during oral surgery before using one or more osteotomes for preparing a cavity for a dental implant, the starter drill having a quadrangular-section end that is smaller in section than the osteotomes, and an end (6) for engagement to a surgical motor.